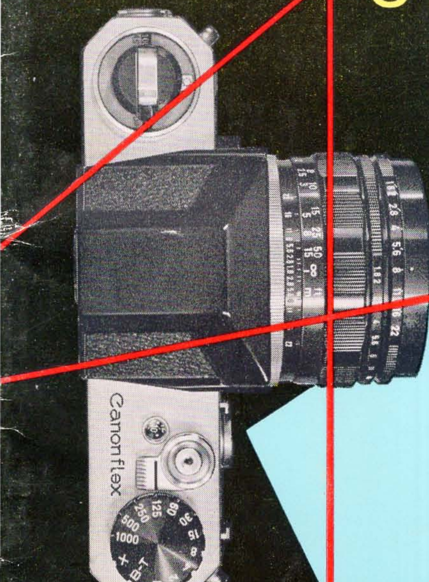
UNPRECEDENTED!





Canonflex

with Automatic, Springback Diaphragm and Mirror

New, quick-as-a-wink pentaprism Canonflex with Super Canomatic 50mm f:1.8 Lens ... automatic, springback diaphragm and mirror ... coupled exposure meter ... trigger-action lever, and many other outstanding Canon features!



Canon Photo Contest Entry   Rural Festival in Kyushu, Japan

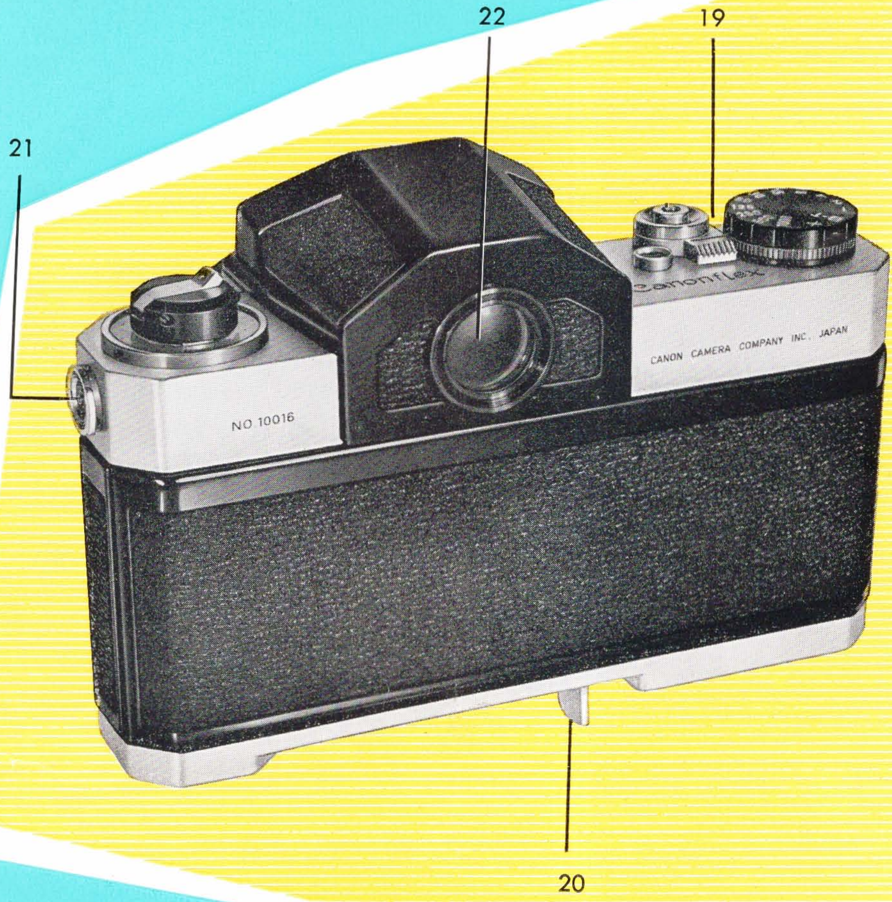
The unprecedented CANONFLEX

is the highest achievement in the 20-year history of Canon. Behind it are the unique experience and skill of Canon's unsurpassed design, engineering, and construction staffs.

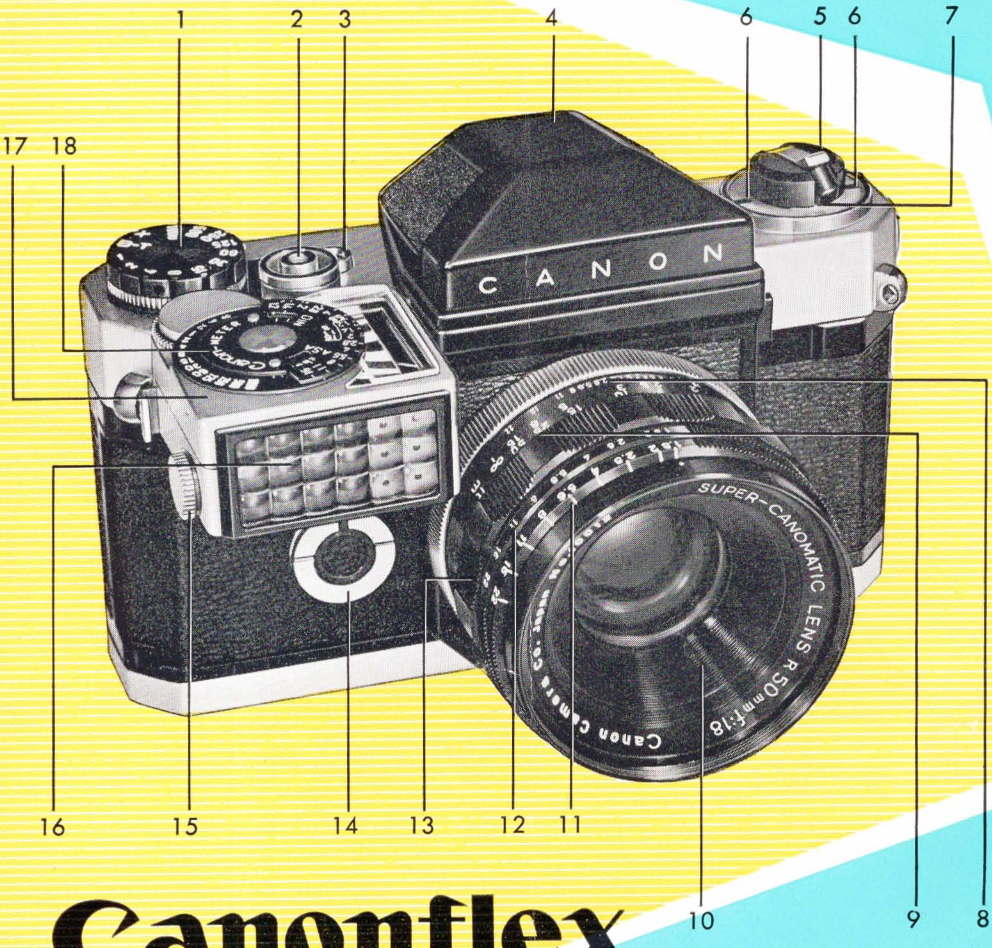
The Canonflex is made for the professional, as well as the discerning amateur--for all photographers who want to record a picture with the same clarity and ease as the naked eye. After you release the shutter, the automatic lens diaphragm springs back to full aperture and the automatic mirror springs back to open position to disclose with full brightness the scene you have just photographed. In addition to this *Canon-exclusive* feature, the Canonflex is the only single-lens reflex camera in the world with the detachable exposure meter (Canon-Meter R) coupled to the speed dial automatic, dual strobo-flash synchronization socket anti-film curl roller trigger-action lever These, and many other, superb features of the Canonflex are proof positive that it is the world's foremost single-lens reflex camera.

The eye-level ease with which the Canonflex is used may be summed up in the words "quick-as-a-wink." Fast trigger-action lever! Even in the most difficult situations, you can rely on the Canonflex to give you the picture you want.

The new Super-Canomatic Lens R has the unexcelled quality of all Canon lenses, and guarantees pictures of the utmost clearness and critical sharpness. When you release the shutter, the diaphragm closes automatically to the pre-selected aperture stop then reopens automatically to full aperture immediately after exposure. No parallax problems ever with the Super-Canomatic Lens R or any of the many interchangeable lenses that can be used, as the object is always viewed through the taking lens.



1. Single-Pivot, Shutter Speed Dial
2. Shutter Release Button
3. Exposure Counter Dial
4. Pentaprism Housing, Interchangeable with Waist Level Viewer
5. Film Rewind Crank
6. Film Speed Reminder (DIN & ASA)
7. Film-Type Reminder
8. Lens Depth-of-Field Scale
9. Lens Distance Scale
10. Super-Canomatic Lens R 50mm f 1.8
11. Lens Pre-set Aperture Ring



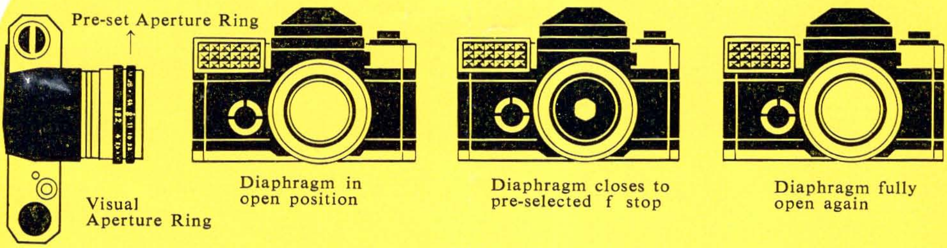
Canonflex

12. Lens Visual Aperture Ring
13. Knurled Focusing Ring
14. Built-in Self-Timer
15. Meter Sensitivity Change Knob
16. Canon-Meter R Window
17 Canon-Meter R
18. Exposure Indicator Meter Diai
19. Time Lever
20. Trigger-Action Lever
21. Flash Unit Connector Socket
22. Eye-Level Pentaprism Range-Viewfinder

Canon-Exclusive

Super-Canomatic Lens R 50mm f : 1.8 (with Automatic Springback Diaphragm) Fully Synchronized with Automatic Springback Mirror

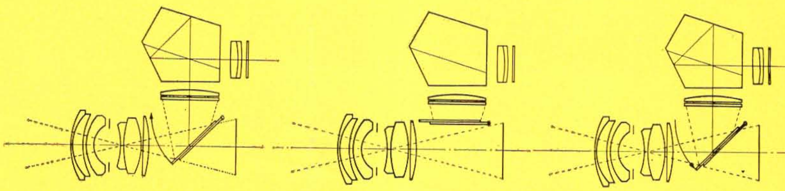
Now, for the first time, you can view and focus at full brightness continuously from start until after exposure with the new Canonflex



Diaphragm in open position

Diaphragm closes to pre-selected f stop

Diaphragm fully open again



Mirror snaps up and returns instantly.

All these actions take place instantly when shutter is released.

Canon-exclusive, springback mirror, fully synchronized with the Super-Canomatic Lens R, is actuated by the shutter As the shutter is released, the mirror flips up and returns automatically to the original position *immediately* after exposure. This action enables you to view the scene continuously. No "blackouts" with the new Canonflex.

The Canon-exclusive, Super-Canomatic Lens R (with automatic springback diaphragm mechanism) is pre-set to a desired diaphragm opening. You can view and focus at full aperture (full brightness). As the shutter is released, the diaphragm closes to the pre-selected aperture stop, and then automatically reopens to full aperture *immediately* after exposure. This feature is a "must" for picture taking under poor light conditions.

In order to see the depth of field, when needed, the visual aperture ring can be operated manually to disclose the exact depth of field of the pre-selected aperture. This is impossible with the rangefinder-type camera. It is important, however, to set the visual aperture ring back to full opening before the shutter is released.

Canonflex

Canonflex, Split-Image Type Range-Viewfinder



The Canon-exclusive. Echelette (patented) split-image type range-viewfinder, the brightest of any on today's market, is incorporated into the Canonflex single-lens reflex system. A double concentric makes it doubly simple to match the range-finder lines for extreme accuracy



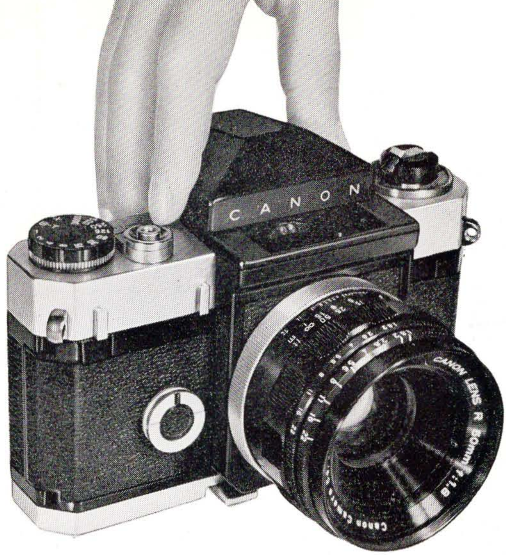
out of focus



in correct focus

For convenient focusing, the frosted surface of the range-finder can be used. For more critical focusing, the split-image rangefinder lines should be used. As soon as the split-image appears in perfect alignment, the lens is critically focused.

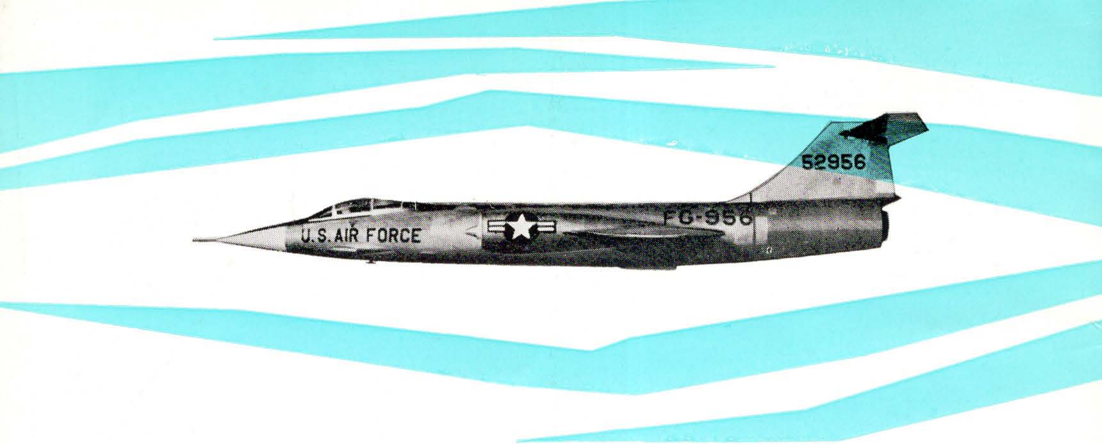
Canon-Exclusive, Eye-Level Pentaprism, Interchangeable with Waist-Level Viewer

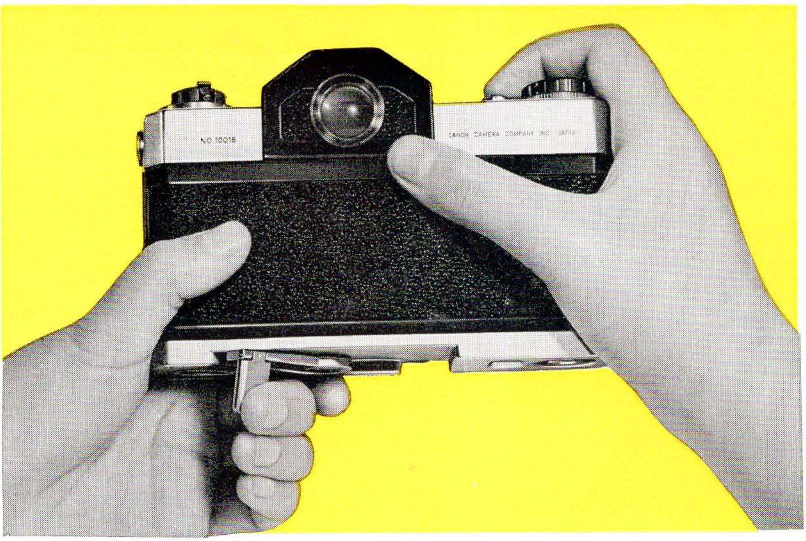


For ease in picture taking, viewing and focusing is done normally with the eye-level pentaprism viewfinder The eye-level pentaprism is interchangeable with the accessory waist-level viewer (4× magnification). You can choose either viewfinder depending on your need.

Thru-the-lens focusing of the single-lens reflex system eliminates all the problems of parallax usually associated with twin-lens reflex or rangefinder-type cameras. You are absolutely free of parallax at all time *with any lens used.* What you see through the viewing and focusing eyepiece is what you record on film. You get edge-to-edge, naked-eye-clear-and-sharp pictures every time! No cutting off heads or feet!







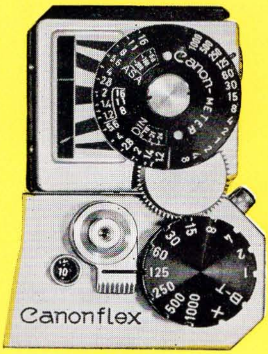
Canon-Exclusive, Motor-Speed Trigger-Action Lever

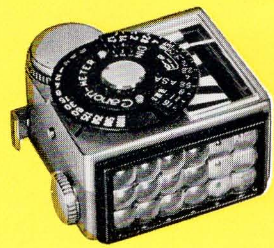
A single-stroke of the Canonflex trigger-action lever advances the film, cocks the shutter, counts exposures in one operation. Simultaneously, it readies the springback diaphragm and mirror for picture taking.

You can take as many as 3 pictures per second! The lever cannot be wound unless the shutter is released.



Canonflex, Detachable, Canon-Meter R Coupled to the Shutter Speed Dial

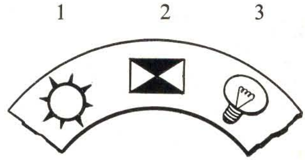


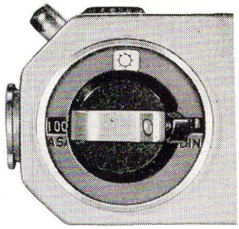


The Canon-Meter R is coupled to the shutter speed dial of the Canonflex. It is attached to the accessory clip on the front of the camera body and can be detached for use separately Canon-Meter R has the highest sensitivity in spite of its small size. The sensitivity knob has white and orange marks. The white mark is for an object in bright light (when low sensitivity is needed) The orange mark is for an object in poor light condition (when high sensitivity is needed) The Canon-Meter R has such a high sensitivity that it will work for an object having light value as low as 4 (LV 4) This means that the meter will work even in poor light condition where you have to use 1/4 sec. with an f 1.2 or 1/2 sec. with an f 1.8 using ASA 100 film. No other light-meter among similar types can match Canon unless combined with attachment. Using ASA 100 film the sensitivity range of Canon-Meter R is

Low Sensitivity Range	Light Value	10-19 lumen
High Sensitivity Range	Light Value	4-13 lumen

When the meter indicator is turned to match the pre-set aperture reading the shutter is automatically set to the correct exposure time. Conversely if the shutter speed is first set, the correct lens aperture will automatically be determined. The Exposure Indicator Dial is calibrated in both ASA and DIN. An incident light attachment is provided with the Canon-Meter R.

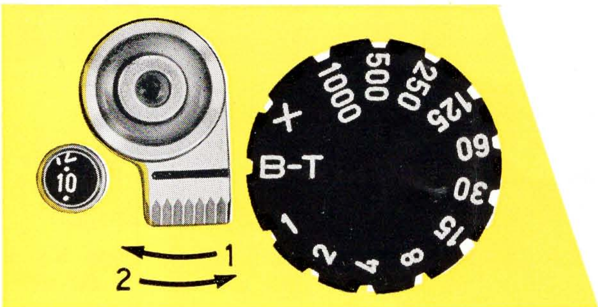




Easy-to-Read, Film-Type Reminders

The film-type reminder of the Canonflex surrounds the film rewind crank, which is on the top (left side) of the camera.
ASA and DIN indicators constantly remind you of the speed changes. Three marks are also incorporated on the film-type reminder disc to show the type of film with which the camera is loaded; black and white (2), daylight-type color (1), or tungsten-type color (3).
The film-type reminder is set manually with selector rings, which are revealed when the rewind crank is lifted up.

Canonflex, Automatic Exposure Counter



The film exposure counter which indicates the number of exposures, returns automatically to "S" (starting) position whenever the back cover of the camera is opened. One frame is advanced as the shutter is cocked. Numbering starts from zero.

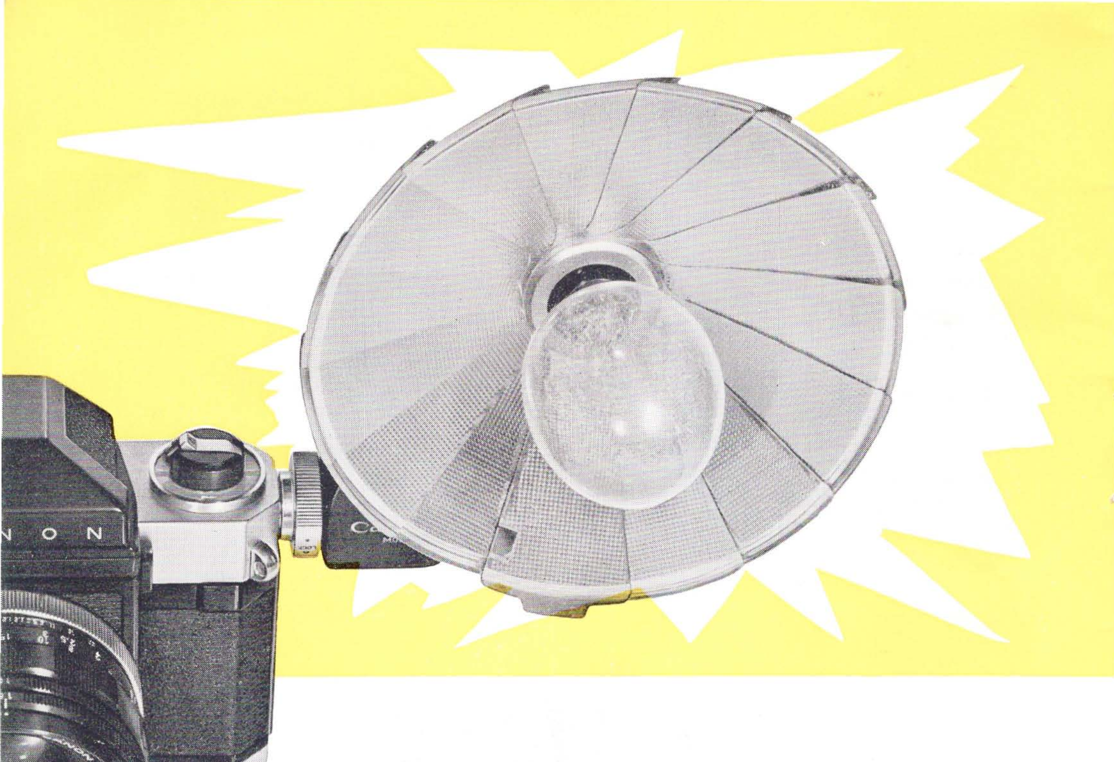
Canonflex, Single-Pivot, Rigid Shutter Speed Dial

The shutter speed dial. with its equal, linear spacing, and click stops, is on a single pivot, with 11 speeds ranging from 1 second to 1/1000th of a second plus B (bulb)-T and X for strobo-flash synchronization. T (Time) exposure does not require resting your finger on the shutter release button for any length of time. Simply shift the time lever! The shutter will stay open until the time lever is returned to its original position.



Canonflex
Built-in Self-Timer

Built-in self-timer of the Canonflex, which allows you to get in the picture, is the shutter button type.
Canon's unique shutter-release button system eliminates confusion between ordinary and time exposures. Cable release hole is provided.
Maximum delay of self-timer is 10 seconds.



Canon-Exclusive, Cordless, Automatic, Single-flash Socket for Dual Strobo and Flash Synchronization

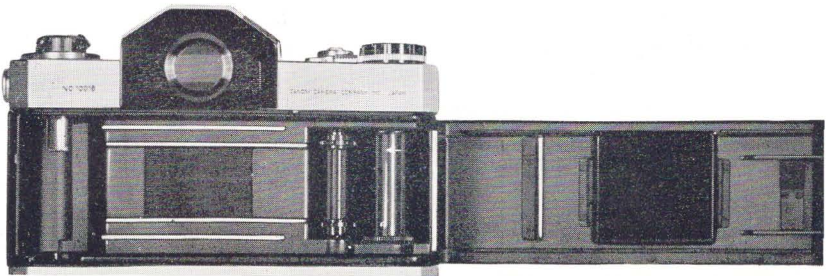
Either BC flash unit, or electronic flash unit, is fitted directly to the single, bayonet-fitting socket on the camera. The circuit is automatically connected as the unit is attached eliminating the use of exterior wiring. Use the specially fitted cam flash gun or any other standard flash gun. Extensions can be used, if desired.

The setting of the shutter speed dial automatically sets the synchro-mechanism with the shutter mechanism for accurate flash timing (adjustment of type M and FP bulbs). The new Canonflex can be used with any kind of flash bulb, or electronic flash, without any further setting or adjustment. X-1/60sec. FP 1~1/1000sec. M-1~1/250sec. F-1/35sec.

Canon-Exclusive, Anti-Film Curl Roller and Self-Loading Cassettes

Canon-exclusive, anti-film curl roller on the pressure plate prevents warping and curling of film, which assures critical and accurate focusing at full aperture of the highest speed lenses, where the depth of field is extremely shallow

The new Canonflex takes either standard or Canon film cassettes (Canon Film Magazine V).



Interchangeable Lenses for The Canonflex

Canon lenses are held in the highest esteem by professional and discerning amateur photographers the world over for their unsurpassed, unique optical design, exclusive Spectra-Coating (TM), and precision engineering.

Canon pioneered development of high-speed lenses opening new field of photographic versatility to the serious photographer.

The unmatched interchangeable Super Canomatic lenses are designed and made to the same exacting quality standards as the famed Canon 35mm rangefinder-type camera lenses.

Before leaving the factory, all Canon lenses must meet rigid tests to insure the highest resolution, contrast, brilliance, and color fidelity in addition to the new-response-function testing method.



The Super Canomatic lenses have fully-automatic springback diaphragm. The front part of the Super-Canomatic Lens R serves as the sun shade eliminating the use of extra attachment. All Canon lenses, 85mm or longer focal length, can be used with the Canonflex, in combination with focusing adapter tele-coupler or tele-coupler and bellows focusing device, depending upon the focal length and the type of lens used. With focusing adapter. Canon screw-mount interchangeable lenses from 85mm to 135mm can be used with the versatile Canonflex. With Canon's tele-coupler R, and bellows focusing device their unique, lightweight, aluminum telephoto lenses from 200mm to 1000mm can be used with the new Canonflex.

Canon Interchangeable Lenses

50mm f 1.8
Super-Canomatic Lens R

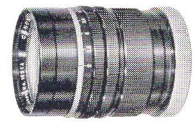


85mm f 1.9 R



Focusing Adapter RA

100mm f 2 R



Focusing Adapter RA

100mm f 3.5 R



Focusing Adapter RB

135mm f 3.5
Canon Lens R





Canon Lenses 200mm f 3.5 and 400mm f 4.5 are used with tele-coupler R.



Canon Lenses 600mm f 5.6, 800mm f 8, and 1000mm f 11 are used with tele-coupler R and bellows focusing device.

Variable Fields-of-View obtained by Canon lenses of diffferent focal length

Changes in field of view with interchangeable lenses of different focal length can be obtained as shown below

These photographs have been taken from the same position but using Canon lenses of different focal length.



50mm
Standard



85mm



100mm



135mm



200mm



400mm



600mm



800mm

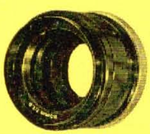


1000mm

Adapters for using Canon screw-in mount lenses on the Canonflex

As explained on page 13, Canon screw-in mount lenses having focal length longer than the 85mm originally designed to be used for Canon Model VI, P, VT, or VIS2 etc., are also used on the Canonflex in combination with following adapters. Instructions come with each adapters.

Canon Focusing Adapters

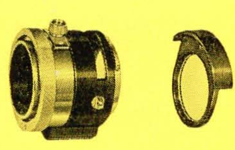


There are four kinds of Focusing Adapters. For 85mm f 1.9 I, chrome mount, 100mm f 2, 100mm f 3.5 or 135mm f 3 5 I, chrome mount respectively

1. Focusing Adapter RA for 85mm f 1.9 I, chrome mount (below serial # 79,000)
2. Focusing Adapter RA for 100mm f 2
3. Focusing Adapter RB for 100mm f 3.5
4. Focusing Adapter RA for 135mm f 3.5 I, chrome mount (below serial # 62,999)

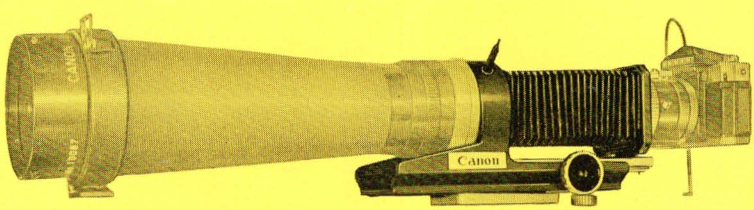
Please specify lenses, when ordering.

Canon Tele-Coupler R



The Canon Tele-Coupler R is used with Canon tele-photo lenses over 200mm in place of reflex housing. Filter rings, which takes 40mm Canon filters, is inserted in the slot on the tele-coupler

Bellows Focusing Device



With Canon lenses 600, 800, and 1000mm, bellows focusing device is used in addition to the tele-coupler R.

	Super-Canomatic 50mm f 1 8 R	85mm f : 1 9	100mm f 2	100mm f 3.5	135mm f : 3 5 R
Aperture f stop	down to 22	down to 16	down to 22	down to 22	down to 22
Focusing Range	3 5 50 feet 1 20 meters	3 5 100 feet 1 30 meters	3 5 100 feet 1 30 meters	3 5 100 feet 1 30 meters	5 200 feet 1 5 60 meters
Magnification	1.0 ×	1.7 ×	2 0 ×	2 0 ×	2 7 ×
Angle of View	46°	29°	24°	24°	18°
Number of Lens Element	6	6	6	5	4
Coating	Amber	Magenta	Amber	Purple	Magenta
Filter Size	58mm	58mm	58mm	34mm or Series VI	48mm

	200mm f 3 5	400mm f : 4.5	600mm f 5 6	800mm f 8	1000mm f 11
Aperture f stop	down to 22	down to 22	down to 22	down to 32	down to 32
Focusing Range	10 300 feet 3 100 meters	26 1000 feet 8 200 meters	15-∞(infinity) feet 5-∞(infinity) meters	27 ∞ feet 9 ∞ meters	81 ∞ feet 27 ∞ meters
Magnification	4 ×	8 ×	12 ×	16 ×	20 ×
Angle of View	12°	6°	3 3°	2 5°	2°
Weight	487gr 1 Lb 2oz	3680gr 8Lb. 2oz.	2035gr 5Lb. 3oz	2095gr 6Lb 8oz	2005gr 4Lb 8oz
Coating	Purple	Magenta	Magenta	Purple	Purple
Filter Size	40mm	40mm	40mm	40mm	40mm

Canonflex

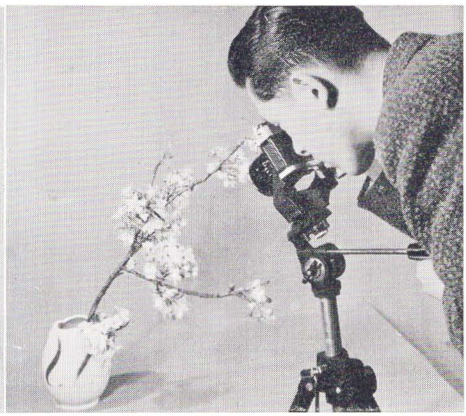


Accessories for Canonflex

Canonflex Close-up Lens and Copy Stand

Close-up lens is screwed in in the front of the Super Canomatic Lens. Close-up picture from 55cm up to 33cm (approx. 22-13 inches) is possible. Copy stand is the same, except for the Camera Holder, as the one used for rangefinder-type Canon 35mm camera, with baseboard, stanchion, and sliding arms.







Camera Holder for Canonflex

For easy and versatile copy work, Canon camera holder R has tripod bush on three sides.

The camera can be used in normal and inverted positions.

With the camera mounted on a tripod facing downward, copy work is possible.

Canonflex and Accessories

Cameras

	CODE
Canonflex with Super-Canomatic Lens R 50mm f 1.8, Canon-Meter R & Neck Strap	MSCAL
Leather Case for Canonflex	MSCCN
Canonflex with Super-Canomatic Lens R 50mm f 1.8, & Neck Strap	MSCDO
Canon-Meter R with case	MSDAK

Camera Accessories

Waist Level Viewer (4x)	MSDEO
Camera Holder R with case	MSDCM
Cable Release V	CADUB
Film Magazine V in plastic case	CADZR
Flash Unit V w/capacitor & case	CAFXD
Speedlight Unit V	CASEP
Side Lighting Unit V w/Extension Cord Va	CAFYF

Canon Lenses for Canonflex

Super-Canomatic Lens R 50mm f 1.8 R	MSLFQ
85mm f 1.9 I Lens Head & Focusing Adapter R-A	MSLHS
100mm f 3.5 Lens Head & Focusing Adapter R-B	MSLKV
100mm f 2 Lens Head & Focusing Adapter R-A	MSLUU
135mm f 3.5 R	MSLLW
200mm f 3.5 complete unit	MSLFP
400mm f 4.5 complete unit	MSLIS
600mm f 5.6 complete unit	MSLKU
800mm f 8 complete unit	MSLLV
1000mm f 11 complete unit	MSLMW

Lens Accessories

Close-Up Lens R-1 w/plastic case for 50mm f:1.8 Super-Canomatic Lens	MSHNX
Focusing Adapter R-A 85mm f:1.9 I chrome mount Lens Head	CAHOY
Focusing Adapter R-A for 100mm f 2 Lens Head	MSHHQ
Focusing Adapter R-A for 135mm f 3.5 I chrome mount Lend Head	MSHIR
Focusing Adapter R-B for 100mm f 3.5 Lens Head	MSHBK

Copy Stand

Copy Stand (Portable Model) Complete Unit	MSPPZ
Copy Stand (Table Model) Complete Unit	MSPAJ

Note Lens Hood & Filters for Black & White Film or Color are available. Please specify lens when ordering.

Model VI-T

For professional or discerning amateur, Canon VI-T is the world's finest 35mm rangefinder-type camera. These are the VI-T precision features.

Brightest Tri-position Range Viewfinder with distinctive frames.

Single-pivot, shutter dial. Speeds from 1 to 1/1000th sec., plus B and X.

All-metal focal plane shutter curtain.

Direct, dual strobo-flash synchronization single-socket.

Rapid wind, trigger-action lever.



Model P (Populaire)

The new Populaire is for those seeking a fine camera at a popular price. The Populaire embodies all the precision features for which the name of Canon is world famous.

Brightest Viewfinder embodies three distinctive, parallax corrected frames for 35, 50, and 100mm lenses.

Single-pivot, rigid shutter dial. Speeds from 1 to 1/1000th sec.

All-metal focal plane shutter curtain.

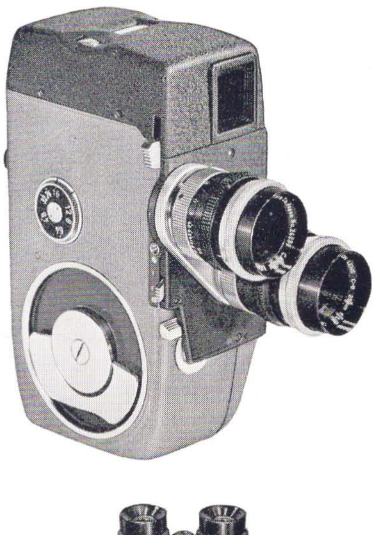
Built-in Self-Timer. Dual strobo-flash synchronization single-socket.



Canon Cine 8-T

Canon Cine 8-T is the only 8mm movie camera with these three 16mm features automatic parallax correction thru-the-lens focusing universal select-a-view finder with clear full size view. 13 different fields of vision. 6 interchangeable lenses available.

Canonscope Lens for Cinemascope is, also, available.



Canon Binoculars

Canon precision binocular of superior image quality, definition, and brilliance is made with the same exacting care as Canon cameras and lenses. The world's only binocular that can be used in both extremes of heat and cold! Rugged in construction. Finest anti-corrosive, light-metal alloy barrel. Life-time viewing perfection assured. Canon binoculars are available in four kinds. 6×30, 8×30, 7×35, and 7×50.



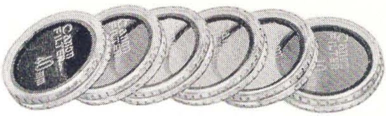
Filters for Canonflex

Canon filter is made of solid optical glass, ground and polished optically flat on both surfaces free from strain unaffected by light or moisture.

When using on Canonflex with lenses up to 135mm, screw in in front of the lens. When using on Canonflex with lenses over 200 mm, insert into the filter ring which is a part of the tele-coupler R.

Canon filters are available in nine colors.

- Convertion A Filter
- Convertion B Filter
- Skylight Filter
- Ultra-Violet Filter
- Light Yellow Filter
- Dark Yellow Filter
- Green Filter
- Orange Filter
- Red Filter



Canon Filters
(40mm)

Canon Photo Contest Entry



Canonflex



Exclusive U.S. Representative for Sales & Service:

Scopus/Brockway Inc.

404 Fourth Avenue, New York 16, New York.

Manufacturer:

Canon Camera Co., Inc. Tokyo, Japan

Printed in Japan by Nakamura Seiko